

Thermometry, Slovenia

MIRS/FE-LMK (Metrology Institute of the Republic of Slovenia - Faculty of Electrical Engineering, Laboratory of Metrology and Quality)

Calibration or Measurement Services			Measurand Level or Range			Measurement Conditions/Independent variables		Expanded Uncertainty						
Quantity	Instrument or artifact	Instrument Type or Method	Minimum value	Maximum value	units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	Comments	NMI Service Identifier
Temperature	Freezing point of Indium	Direct comparison	156.5985	156.5985	°C	Temperature-controlled bath		0.9	mK	2	95%	No	Approved on 18 May 2004	1.1.1 In
Temperature	Long-stem SPRTs	Fixed point (Argon)	-189.3442	-189.3442	°C	Ambient temperature	23 °C	1	mK	2	95%	No	Approved on 18 May 2004	1.3.2 Ar
Temperature	Long-stem SPRTs	Fixed point (Mercury)	-38.8344	-38.8344	°C	Ambient temperature	23 °C	0.6	mK	2	95%	No	Approved on 18 May 2004	1.3.2 Hg
Temperature	Long-stem SPRTs	Fixed point (Gallium)	29.7646	29.7646	°C	Ambient temperature	23 °C	0.4	mK	2	95%	No	Approved on 18 May 2004	1.3.2 Ga
Temperature	Long-stem SPRTs	Fixed point (Indium)	156.5985	156.5985	°C	Ambient temperature	23 °C	1.2	mK	2	95%	No	Approved on 18 May 2004	1.3.2 In
Temperature	Long-stem SPRTs	Fixed point (Tin)	231.928	231.928	°C	Ambient temperature	23 °C	1	mK	2	95%	No	Approved on 18 May 2004	1.3.2 Sn
Temperature	Long-stem SPRTs	Fixed point (Zinc)	419.527	419.527	°C	Ambient temperature	23 °C	1.5	mK	2	95%	No	Approved on 18 May 2004	1.3.2 Zn